

BEST AVAILABLE COPY

Serial No. 10/025,326
60282-025

REMARKS

Applicant wishes to thank the Examiner for the detailed remarks and the allowance of claims 8-16, 21-26, 28 and 29.

Claims 17-20 and 27 were rejected under 35 U.S.C. §112 first paragraph. Applicant respectfully submits that the claims are in proper condition according to §112. The Examiner rejects the claims because the "metallic wedge rings were not described in the specification.

Paragraph [34] recites:

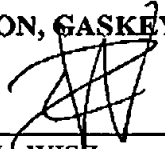
The inner seal cartridge 98 retains a back-up ring 100, a packing assembly 102, a bushing 104, a spring sleeve 106, and a packing spring 109. The packing assembly 102 seals the fluid pumping chamber 94 and cycles between atmospheric pressure and maximum pump 12 pressure. The packing assembly 102 includes a multiple of non-metallic packing materials 108, an ID wedge ring 110, and an OD wedge ring 112 (Figure 8). The non-metallic packing materials 108 are preferably square in cross section. When the packing assembly 102 is under pressure the ID wedge ring 110 moves toward the centerline 82 and the OD wedge ring 112 moves away from the centerline 82.

Notably, Applicant differentiates between the multiple of non-metallic packing materials 108, and the wedge rings. In fact, FIG 8 identifies the wedge rings with metallic cross-hatching rather than the "non-metallic" cross-hatching of the multiple of non-metallic packing materials 108. Applicant respectfully requests reconsideration of this rejection.

Serial No. 10/025,326
60282-025

Applicant respectfully submits that this case is in condition for allowance. If the Examiner believes that a teleconference will facilitate moving this case forward to being issued, Applicant's representative can be contacted at the number indicated below.

Respectfully Submitted,
CARLSON, GASKEY & OLDS, P.C.



DAVID L. WISZ
Registration No. 46,350
Attorneys for Applicant
400 West Maple, Suite 350
Birmingham, Michigan 48009

Dated: 22 November, 2004

(248) 988-8360

N:\Client\NLB CORP\IP00025\Patent\NLBA\md25-11-22-2004.doc

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☒ **FADED TEXT OR DRAWING**
- ☒ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKewed/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.